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(54) Title: ANTIMICROBIAL AND ANTICANCER LIPOPEPTIDES

(57) Abstract: The invention provides lipophilic conjugates comprising a peptide coupled to a fatty acid, the peptide comprising at least two positively charged amino acid residues, said peptide after conjugation to the fatty acid possessing antibacterial, antifungal, and/or anticancer activity higher than prior to conjugation. The lipophilic conjugates are suitable for treatment of infections caused by pathogenic organisms such as bacteria and fungi. The lipophilic conjugates are also suitable for sanitation, as disinfectants, or for food preservation.

WO 2004/110341 A3